MAGTF Fires OAG

Briefing to CEAB

August 7, 2003

Actions since last CEAB

- Past OAG Conferences

  10-12 Nov 2002: Okinawa, Japan

  10-12 Jun 2003: Quantico, Virginia

- Preparations for next OAG Conference

  18-20 Nov 2003: EWTGPAC San Diego, California

"Top 8" MAGTF Fires OAG Concerns

#1: Developing a Force Artillery Capability

- **#2: C4I Architecture & Interoperability**
- **#3: Systems Training Issues [Introductory & Sustainment training for AFATDS & TBMCS]**
- #4: Participation with the Naval Afloat Targeting IPT
  - Joint Fires Network
  - Sea Based Counter Battery/Counter Fire Radar Capability
  - Naval Surface Fire Support Issues
- #5: Integration & resourcing of ANGLICO for support of MAGTF Ops
- #6: Attack of Immediate Targets ["sensor to shooter"]
- #7: Universal Observer
- #8: Recommended implementation of HIMARS wrt MAGTF

Force Artillery Capability

- Item: Develop a Force Artillery (FA) capability for the Marine Corps.

- Discussion: 14th Marines is available for tasking and able, with structure modifications, to provide DS to a MAGTF with organic and attached cannon/rocket artillery units not assigned to the GCE, in order to give the commander artillery support for deep “shaping” fires, close reinforcing fires and coordinated counter fires.

Force Artillery Capability

Discussion (Cont):

- 14th Marines, as a FA Regiment, has been tethered to two (2) MTW Operation Plans.
- There is a need for FA based on threat artillery capabilities and advent of multi-division MEF (CMEF)
- FA capability has been the marquee presentation of the MAGTF Fires OAG for the past 2 years. The Marine Corps has already determined it needs a FA capability. The Marine Corps now needs to take the next step and resource 14th Marine Regiment to fulfill this requirement. Making the decision at this juncture allows the Marine Corps to:
  - Support existing OPlans that include 14th Marines as FA
    - » **OR**
  - Inform the Combatant Commander that the Marine Corps does not have a FA capability .
  - Dedicate MAGTF Fires efforts on other Top 8 Concerns

Force Artillery Capability

- Recommendations:
  - Accept proposed FA Mission statement, T/O & T/E
    - Provides basis for HQ structure changes for 14th Marines
    - Requires Marine Corps to source:
      - (4) Active Duty billets
      - (2) Active Reserve billets
      - (1) Active Duty Rank/MOS change
  - Accept proposal to restructure 14th Marines' battalions
    - Establishes appropriate organization for FA regiment

C4I Architecture and Interoperability

- Item: MAGTF Fires C4I software version control.
- Discussion: MAGTF Fires relies on 3 distinct systems of record to plan/execute fires: AFATDS, TBMCS and IOS, as well as emerging systems. The first two systems are under sister service cognizance. IOS is a USMC system. Each time one system changes software, it causes a cascading effect on the interoperability of the other systems. Systems have issued software changes several times in one year.
- Recommendation: MCCDC/MCSC should enforce tighter software version control across the three systems of record.

C4I Architecture and Interoperability

- Item: The primary Fires C4I systems (AFATDS, TBMCS, IOS) must be sufficiently interoperable in order to execute digital Command & Control IAW doctrine & TTPs.
- Discussion:
  - The MAGTF Fires OAG defines interoperability as “being able to pass information that is meaningful to other systems and usable by the operator in a period of time that supports operations and will not degrade the operations of other systems”.

C4I Architecture and Interoperability

- Discussion (Cont):
  - Each Fires system is capable of executing a list of functions that are defined by narrowly written systems requirements. They cannot, however, adequately exchange data to perform the broader C2 functions and processes mapped from doctrine and TTP.

Recommendation:

- MCCDC must advocate immediate revisions to the requirements of C4I systems & applications that relate to Fires functions IOT meet the requirements of interoperability. Emerging systems like ADOCS must continue to facilitate interoperability. Next generation C4I systems must fully meet these needs.

Systems Training Issues

- Item: Introductory & Sustainment Training is not formalized for Fires systems (AFATDS, TBMCS, IOS)
- Discussion: In order for Marines to become proficient in the use of complex Fires systems, they must participate in formalized introductory & sustainment training.

Systems' Training Issues

- Recommendation:
  - Request TECOM brief the MAGTF Fires OAG Working Group in Nov ’03, a plan to initiate both introductory and sustainment training for AFATDS, TBMCS, and IOS operators.

Questions ?

MAGTF Fires OAG

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